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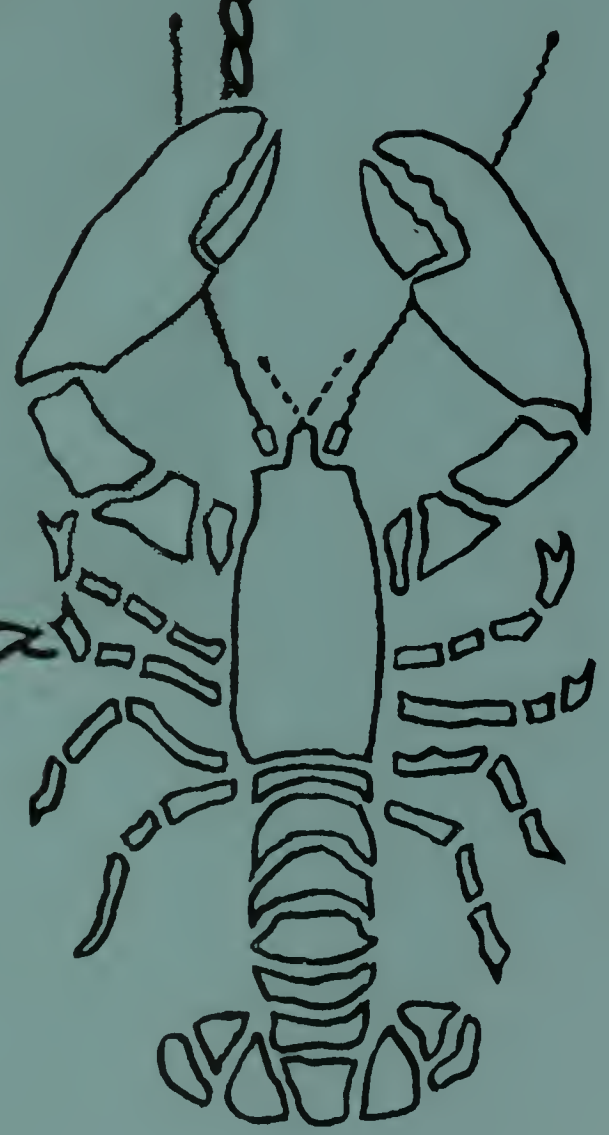
# 1983

# *Massachusetts Lobster Fishery Statistics*

Gerald M. Nash



MASSACHUSETTS
DIVISION OF MARINE FISHERIES

# 1983 Massachusetts Lobster Fishery Statistics

Gerald M. Nash

Massachusetts Division of Marine Fisheries

# INTRODUCTION

The commercial lobster fishery of Massachusetts is the most economically important fishery conducted within the territorial waters of the Commonwealth. The overall economic importance of the fishery both in New England and, in recent years, the Mid-Atlantic states, has focused the attention of Federal, Regional and State fishery managers on this species. Initially, in an attempt to standardize management of the fishery, the Federal and State Governments developed an overall lobster fishery management plan under the auspices of the State-Federal Partnership Program. However, with the passage of the Fisheries Management and Conservation Act, the New England Fisheries Management Council, in cooperation with the Mid-Atlantic Council developed a management plan for the entire east coast lobster fishery. The plan has now been adopted. The basis of any such plan and for monitoring the success of the plan is an accurate statistical data base. The Commonwealth of Massachusetts, with joint funding from the National Marine Fisheries Service, has been collecting annual reports from licensed lobster fishermen for many years. Historically, the data collected was used primarily for descriptive and informational purposes, and occasionally for management. However, with the recent emphasis on Federal management, this data takes on added importance in terms of providing the respective management agencies with adequate information to ensure that the interests of Massachusetts' lobstermen are protected.

During the period 1975-1980 the number of coastal commercial lobster permits was limited, by law, to 1300, with an additional 10% issued to proven hardship cases. In 1981, a statutory change provided for the establishment of a permanent waiting list from which 100 new permits were issued, and 20 special additional permits which were awarded to full time commercial fishermen who met certain criteria. In subsequent years 80 list permits and 20 special additional permits have been issued. Permits which are not renewed are retired.

This report is the seventeenth annual publication of data summarized from catch reports submitted by licensed lobster fishermen. Data was presented in a standardized format through 1979. For the 1980 report, data presentation was changed to reflect a more thorough collection and evaluation of the data. The new presentation format is continued in this report. It is anticipated that this format will continue until such time as the Division implements computer processing of the data.

This report has been prepared by personnel from the Division of Marine Fisheries Commercial Fisheries Statistics Project, funded jointly by the Commonwealth and the National Marine Fisheries Service under the Commercial Fisheries Research and Development Act (Public Law 88-309). The preparation of this report would not have been possible without the cooperation of the licensed lobstermen who provided the data on their annual reports. Special thanks also go to Nancy Leamy and Mary Ann Gachignard for their assistance in preliminary processing of the catch reports when they are received from the fishermen.

## SOURCE OF DATA

No person may fish for or take lobsters in coastal waters or land lobsters in the Commonwealth without a permit issued by the Director of the Division of Marine Fisheries (Chapter 130, Mass. G.L., Section 38). Chapter 130, Mass. G.L. Section 23, requires any person so licensed to file an annual report of their catch by January 31 for the preceding calendar year. In 1980, a dual reporting system was established. Commercial lobstermen (coastal, offshore and seasonal) receive a detailed catch report form with their license renewal application. This report requests the following information: method of fishing; number and type of gear used; effort data (set-over day, average number of trips per month, etc.); pounds of lobster taken; areas fished; principal ports of landing; and information relative to the vessels used in the fishery. Recreational fishermen are asked to report only the number of lobsters taken the previous year on their license renewal application form.

Project personnel sort, edit, tabulate and interpret data from all reports received. Data presented in this booklet are based on catch reports actually received and are not expanded to 100 percent levels.

## EXPLANATION OF TABLES

All data presented in this booklet are broken down into two basic categories: the first is "inshore" which represents all data pertaining to all lobster activity taking place within 69° West Longitude and 41° North Latitude; the "offshore" category refers to all data outside of the given coordinates.

Tables presenting number of fishermen by license type, number of pots fished, number and value of boats used in the fishery and total landings statewide, by county and for each city and town were prepared using the catch reports submitted by all commercial fishermen. In keeping with Division policy, some of the data is masked or combined to protect the confidentiality of the individual submitting the report. Data referring to the number of fishermen, number and value of gear, and number and value of boats are presented by the home port of the licensee filing the report. Pounds of lobsters harvested are presented by the port of landing reported by the fishermen.

Due to limited data storage capacity of the programmable calculator used to calculate percent of catch by area and month fished and catch per unit of effort, only those reports submitted by holders of commercial coastal licenses could be tabulated.

Where tabular materials refers to county, the reader is referred to Figure 1. Fishing areas are delineated in Figure 2.

Vessel and SCUBA gear values were calculated on the basis of the fishermen's estimate of its present value and the percentage of its use specifically for lobstering. Average values were used when the information was omitted from an individual report.

When fishermen reported the number of lobsters taken, rather than poundage, a conversion factor of 1.18 pounds per lobster was used to calculate poundage figures. This factor is based on historical data.

## 1983 HIGHLIGHTS

1. There were 13,643 lobster licenses of all types issued during 1983: 1,609 coastal commercial; 267 seasonal commercial; 560 offshore and 11,207 non-commercial.

2. A total of 4,264 licensed fishermen (31 percent) failed to file a catch report with the Division. Of the 9,379 fishermen reporting, 1,856 (20 percent) reported that they did not fish for lobsters during 1983.

3. A total of 12,503,824 pounds of lobsters were reported landed. Of these, recreational fishermen reported taking 367,217 pounds, while commercial fishermen reported taking 12,136,607 pounds. Based on a value of $2.44 per pound[1], the commercial catch was valued at $29,613,321.

4. Commercial fishermen comprised 23 percent of the total number of fishermen reporting and landed 97 percent of the total catch.

5. Non-commercial SCUBA divers represented 23 percent of the fishermen reporting, but landed only 0.5 percent of the total poundage.

6. In total pounds of lobsters landed Essex County ranked first, Plymouth County second and Barnstable County third.

7. In total numbers of commercial fishermen, Essex County ranked first with 662, Plymouth County second with 421, and Barnstable County third with 162.

8. In the commercial fishery, pots were valued at $11,383,428[2], diving gear at $34,876, and power and non-power boats at $29,465,998, yielding a total gear value of $40,894,302. Combined with the value of lobsters sold, $29,613,321, gives a total fishery value of $70,507,623.

9. Of the 12,136,706 pounds of lobsters landed commercially, 10,356,607 were reported taken inside of 69°W and 41°N, and of that number 8,654,914 pounds were estimated to have been taken within the territorial waters of the Commonwealth.

10. More lobsters were landed in Boston, 1,092,490 pounds, than in any other Massachusetts port. Gloucester ranked second with 916,494 pounds followed by Westport with 740,202 pounds.

11. Landings by coastal commercial fishermen rose steadily in the spring, peaked in August and then declined. The least amount of lobsters were landed in February.

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[1]Ex-vessel price determined by weighted averages of prices listed in the National Marine Fisheries Service "Blue Sheet".

[2]Based on an average value of $32.50 per pot, including warp and buoys.

12. According to coastal fishermen, the greatest numbers of lobsters taken inside 69°W and 41°N were from Boston Harbor (Area 4) followed by Beverly--Salem--Marblehead (Area 3) and Scituate--Marshfield (Area 5).

13. The average catch per trap haul for coastal fishermen was 0.582 pounds. For traps fished for one set-over day the average was 0.442; for those fished two days 0.555; and for three or more set-over days 0.677.

Table I. Reporting Status of 1983 Lobster Licensees

| Licenses Issued | |
|---|---|
| Coastal Commercial ($200) | 1,609 |
| Seasonal Commercial ($50) | 267 |
| Offshore ($200) | 560 |
| Non-commercial ($30) | 11,207 |
| Total | 13,643 |

Reporting Status

| Type | Not Reporting | Reported "Not Fishing" | Reported "Fishing" |
|---|---|---|---|
| Coastal Commercial | 28 (2%) | 269 (17%) | 1,312 (81%) |
| Seasonal Commercial | 117 (44%) | 18 (7%) | 132 (49%) |
| Offshore | 120 (21%) | 297 (53%) | 146 (26%) |
| Non-commercial | 3,999 (36%) | 1,275 (11%) | 5,933 (53%) |

Table 2.

1983 MASSACHUSETTS LOBSTER FISHERY
SUMMARY STATISTICS--COMMERCIAL

STATEWIDE TOTALS

| LICENSE TYPE | GEAR TYPE AND NUMBER | | DIVING GEAR VALUE | POTS FISHED | POWER BOAT | BOAT VALUE | NON-POWER BOAT | BOAT VALUE | POUNDS OF LOBSTER |
|---|---|---|---|---|---|---|---|---|---|
| **Taken Inside 69°W 41°N** | | | | | | | | | |
| COASTAL | Diver | 7 | 14,195 | | 6 | 25,500 | | | 9,851 |
| | Potman | 1,280 | | 324,621 | 1,281 | 23,605,773 | 88 | 22,663 | 9,956,923 |
| | Both | 24 | 20,681 | 4,021 | 26 | 279,421 | 3 | 500 | 125,239 |
| SEASONAL | Potman | 132 | | 2,798 | 126 | 309,954 | 3 | 760 | 37,451 |
| OFFSHORE | Trawl | 85 | | | 85 | 796,550 | | | 143,582 |
| | Potman | 22 | | 3,427 | 22 | 780,050 | | | 79,158 |
| TOTAL* | | 1,551 | 34,876 | 334,867 | 1,547 | 25,877,248 | 94 | 23,923 | 10,356,607 |
| **Taken Outside 69°W 41°N** | | | | | | | | | |
| OFFSHORE | Trawl | 24 | | | 24 | 378,925 | | | 131,017 |
| | Potman | 15 | | 15,700 | 15 | 3,185,902 | | | 1,365,526 |
| COASTAL | Potman | | | | | | | | 283,457 |
| TOTAL | | 39 | | 15,700 | 39 | 3,564,827 | | | 1,780,000 |
| GRAND TOTAL | | 1,590 | 34,876 | 350,567 | 1,586 | 29,442,075 | 94 | 23,923 | 12,136,607 |

*Totals do not match the sum of the columns due to masking of data to protect the confidentiality of individuals.

Table 3.

1983 MASSACHUSETTS LOBSTER FISHERY
SUMMARY STATISTICS--COMMERCIAL

BARNSTABLE COUNTY

| LICENSE TYPE | GEAR TYPE AND NUMBER | | DIVING GEAR VALUE | POTS FISHED | POWER BOAT | BOAT VALUE | NON-POWER BOAT | BOAT VALUE | POUNDS OF LOBSTER |
|---|---|---|---|---|---|---|---|---|---|
| **Taken Inside 69°W 41°N** | | | | | | | | | |
| COASTAL | Diver | 6 | 10,695 | | 5 | 17,000 | | | 8,474 |
| | Potman | 119 | | 27,682 | 116 | 2,186,249 | 9 | 1,680 | 839,284 |
| | Both | 6 | 6,295 | 1,265 | 6 | 87,277 | 2 | 300 | 35,938 |
| SEASONAL | Potman | 6 | | 125 | 6 | 25,747 | | | 1,442 |
| OFFSHORE | Trawl | 20 | | | 20 | 23,986 | | | 19,814 |
| | Potman | | | | | | | | |
| TOTAL * | | 158 | 16,990 | 29,097 | 154 | 2,380,259 | 11 | 1,980 | 905,182 |
| **Taken Outside 69°W 41°N** | | | | | | | | | |
| OFFSHORE | Trawl | | | | | | | | |
| | Potman | 3 | | 2,675 | 3 | 506,667 | | | 752,768 |
| COASTAL | Potman | | | | | | | | 460** |
| TOTAL * | | 4 | | 2,675 | 4 | 507,967 | | | 789,120 |
| GRAND TOTAL | | 162 | 16,990 | 31,772 | 158 | 2,888,226 | 11 | 1,980 | 1,694,302 |

*Totals do not match the sum of the columns due to masking of data to protect the confidentiality of individuals.
**including lobsters harvested by trawl

Table 4.

1983 MASSACHUSETTS LOBSTER FISHERY
SUMMARY STATISTICS--COMMERCIAL

BRISTOL COUNTY

| LICENSE TYPE | GEAR TYPE AND NUMBER | DIVING GEAR VALUE | POTS FISHED | POWER BOAT | BOAT VALUE | NON-POWER BOAT | BOAT VALUE | POUNDS OF LOBSTER |
|---|---|---|---|---|---|---|---|---|
| Taken Inside 69°W 41°N | | | | | | | | |
| COASTAL | Diver | | | | | | | |
| | Potman | 75 | 15,972 | 72 | 1,541,613 | | | 445,091 |
| | Both | | | | | | | |
| SEASONAL | Potman | 8 | 178 | 8 | 32,885 | | | 2,128 |
| OFFSHORE | Trawl | 3 | | 3 | 8,400 | | | 1,198 |
| | Potman | 3 | 1,065 | 3 | 176,000 | | | 44,297 |
| TOTAL | | 89 | 17,215 | 86 | 1,758,898 | | | 492,714 |
| Taken Outside 69°W 41°N | | | | | | | | |
| OFFSHORE | Trawl | 6 | | 6 | 12,525 | | | 9,127 |
| | Potman | 7 | 7,275 | 7 | 1,216,750 | | | 272,742 |
| COASTAL | Potman | | | | | | | 235,934 |
| TOTAL | | 13 | 7,275 | 13 | 1,229,275 | | | 517,803 |
| GRAND TOTAL | | 102 | 24,490 | 99 | 2,988,173 | | | 1,010,517 |

Table 5.

1983 MASSACHUSETTS LOBSTER FISHERY
SUMMARY STATISTICS--COMMERCIAL

DUKES COUNTY

| LICENSE TYPE | GEAR TYPE AND NUMBER | DIVING GEAR VALUE | POTS FISHED | POWER BOAT | BOAT VALUE | NON-POWER BOAT | BOAT VALUE | POUNDS OF LOBSTER |
|---|---|---|---|---|---|---|---|---|
| | | | Taken Inside 69°W 41°N | | | | | |
| COASTAL | Diver | | | | | | | |
| | Potman | 24 | 3,974 | 24 | 383,123 | | | 119,667 |
| | Both | | | | | | | |
| SEASONAL | Potman | | | | | | | |
| OFFSHORE | Trawl | | | | | | | |
| | Potman* | 5 | 592 | 5 | 49,814 | | | 11,117 |
| TOTAL | | 29 | 4,566 | 29 | 432,937 | | | 130,784 |
| | | | Taken Outside 69°W 41°N | | | | | |
| OFFSHORE | Trawl | | | | | | | 380 |
| | Potman | | | | | | | |
| COASTAL | Potman | | | | | | | 16,421 |
| TOTAL | | | | | | | | 16,801 |
| GRAND TOTAL | | 29 | 4,566 | 29 | 432,937 | | | 147,585 |

*Masked data represents all non-coastal fishermen

Table 6

1983 MASSACHUSETTS LOBSTER FISHERY
SUMMARY STATISTICS--COMMERCIAL

ESSEX COUNTY

| LICENSE TYPE | GEAR TYPE AND NUMBER | DIVING GEAR VALUE | POTS FISHED | POWER BOAT | BOAT VALUE | NON-POWER BOAT | BOAT VALUE | POUNDS OF LOBSTER |
|---|---|---|---|---|---|---|---|---|
| **Taken Inside 69°W 41°N** | | | | | | | | |
| COASTAL | Diver | | | | | | | |
| | Potman | 547 | 133,948 | 547 | 10,084,889 | 41 | 12,078 | 4,358,582 |
| | Both | 8 | 6,269 | 1,031 | 8 | 98,551 | | 49,049 |
| SEASONAL | Potman | 48 | 1,066 | 45 | 103,002 | 2 | 700 | 14,531 |
| OFFSHORE | Trawl | 35 | | 35 | 613,050 | | | 70,842 |
| | Potman | 8 | 1,035 | 8 | 314,450 | | | 17,424 |
| TOTAL | | 646 | 6,269 | 137,080 | 643 | 11,213,942 | 43 | 12,778 | 4,510,428 |
| **Taken Outside 69°W 41°N** | | | | | | | | |
| OFFSHORE | Trawl | 14 | | 14 | 335,100 | | | 82,065 |
| | Potman | | | | | | | |
| COASTAL | Potman | | | | | | | 5,353 |
| TOTAL* | | 16 | 3,000 | 16 | 1,481,150 | | | 87,418 |
| GRAND TOTAL | | 662 | 6,269 | 140,080 | 659 | 12,695,092 | 43 | 12,778 | 4,597,846 |

*Totals do not match the sum of the columns due to masking of data to protect the confidentiality of individuals.

Table 7.

1983 MASSACHUSETTS LOBSTER FISHERY
SUMMARY STATISTICS--COMMERCIAL

NANTUCKET COUNTY

| LICENSE TYPE | GEAR TYPE AND NUMBER | DIVING GEAR VALUE | POTS FISHED | POWER BOAT | BOAT VALUE | NON-POWER BOAT | BOAT VALUE | POUNDS OF LOBSTER |
|---|---|---|---|---|---|---|---|---|
| **Taken Inside 69°W 41°N** | | | | | | | | |
| COASTAL | Diver | | | | | | | |
| | Potman | 5 | 728 | 5 | 60,285 | | | 43,897 |
| | Both | | | | | | | |
| SEASONAL [1/] | Potman | | | | | | | |
| OFFSHORE | Trawl | | | | | | | 1,307 |
| | Potman | | | | | | | |
| TOTAL | | 5 | 728 | 5 | 60,285 | | | 45,204 |
| **Taken Outside 69°W 41°N** | | | | | | | | |
| OFFSHORE | Trawl | | | | | | | |
| | Potman | | | | | | | |
| COASTAL | Potman | | | | | | | |
| TOTAL | | | | | | | | |
| GRAND TOTAL * | | 6 | 728 | 6 | 72,285 | | | 45,964 |

*Totals do not match the sum of the columns due to masking of data to protect the confidentiality of individuals.

Table 8.

1983 MASSACHUSETTS LOBSTER FISHERY
SUMMARY STATISTICS--COMMERCIAL

NORFOLK COUNTY

| LICENSE TYPE | GEAR TYPE AND NUMBER | DIVING GEAR VALUE | POTS FISHED | POWER BOAT | BOAT VALUE | NON-POWER BOAT | BOAT VALUE | POUNDS OF LOBSTER |
|---|---|---|---|---|---|---|---|---|
| | | | Taken Inside 69°W 41°N | | | | | |
| COASTAL | Diver | | | | | | | |
| | Potman | 71 | 20,312 | 70 | 1,782,288 | 5 | 1,650 | 631,029 |
| | Both | | | | | | | |
| SEASONAL | Potman | 7 | 134 | 7 | 16,333 | 1 | 60 | 2,551 |
| OFFSHORE | Trawl | | | | | | | |
| | Potman | | | | | | | |
| TOTAL * | | 82 | 5,195 | 20,566 | 81 | 1,832,571 | 7 | 1,910 | 635,342 |
| | | | Taken Outside 69°W 41°N | | | | | |
| OFFSHORE | Trawl | | | | | | | |
| | Potman | | | | | | | |
| COASTAL | Potman | | | | | | | 24 |
| TOTAL | | | | | | | | 24 |
| GRAND TOTAL | | 82 | 5,195 | 20,566 | 81 | 1,832,571 | 7 | 1,910 | 635,366 |

*Totals do not match the sum of the columns due to masking of data to protect the confidentiality of individuals.

Table 9.

1983 MASSACHUSETTS LOBSTER FISHERY
SUMMARY STATISTICS--COMMERCIAL

PLYMOUTH COUNTY

| LICENSE TYPE | GEAR TYPE AND NUMBER | DIVING GEAR VALUE | POTS FISHED | POWER BOAT | BOAT VALUE | NON-POWER BOAT | BOAT VALUE | POUNDS OF LOBSTER |
|---|---|---|---|---|---|---|---|---|
| | | | Taken Inside 69°W 41°N | | | | | |
| COASTAL | Diver | | | | | | | |
| | Potman | 335 | 83,592 | 343 | 5,566,666 | 33 | 7,255 | 2,279,532 |
| | Both | 7 | 6,372 | 1,205 | 9 | 66,693 | | 24,787 |
| SEASONAL | Potman | 55 | 1,105 | 52 | 112,127 | | | 14,700 |
| OFFSHORE | Trawl | 16 | | 16 | 66,960 | | | 32,584 |
| | Potman | 6 | 552 | 6 | 64,800 | | | 5,590 |
| TOTAL* | | 420 | 6,372 | 86,454 | 427 | 5,957,246 | 33 | 7,255 | 2,361,596 |
| | | | Taken Outside 69°W 41°N | | | | | |
| OFFSHORE | Trawl | | | | | | | |
| | Potman | | | | | | | |
| COASTAL | Potman | | | | | | | |
| TOTAL | | | | | | | | |
| GRAND TOTAL* | | 421 | 6,372 | 87,004 | 428 | 5,961,431 | 33 | 7,255 | 2,365,137 |

*Totals do not match the sum of the columns due to masking of data to protect the confidentiality of individuals.

Table 10.

1983 MASSACHUSETTS LOBSTER FISHERY
SUMMARY STATISTICS--COMMERCIAL

SUFFOLK--MIDDLESEX COUNTIES

| LICENSE TYPE | GEAR TYPE AND NUMBER | DIVING GEAR VALUE | POTS FISHED | POWER BOAT | BOAT VALUE | NON-POWER BOAT | BOAT VALUE | POUNDS OF LOBSTER |
|---|---|---|---|---|---|---|---|---|
| **Taken Inside 69°W 41°N** | | | | | | | | |
| COASTAL | Diver | | | | | | | |
| | Potman | 100 | 38,003 | 100 | 1,972,160 | | | 1,225,525 |
| | Both | | | | | | | |
| SEASONAL | Potman | 5 | 123 | 5 | 14,300 | | | 1,341 |
| OFFSHORE | Trawl | 8 | | 8 | 80,000 | | | 17,320 |
| | Potman | | | | | | | |
| TOTAL* | | 116 | 50 | 38,726 | 116 | 2,205,610 | | 1,260,866 |
| **Taken Outside 69°W 41°N** | | | | | | | | |
| OFFSHORE | Trawl | | | | | | | |
| | Potman | | | | | | | |
| COASTAL | Potman | | | | | | | 15,386 |
| TOTAL* | | 3 | 2,200 | 3 | 322,250 | | | 17,076 |
| GRAND TOTAL | | 119 | 50 | 40,926 | 119 | 2,527,860 | | 1,277,942 |

*Totals do not match the sum of the columns due to masking of data to protect the confidentiality of individuals.

Table 11.

1983 MASSACHUSETTS LOBSTER FISHERY
SUMMARY STATISTICS--COMMERCIAL

OUT OF STATE

| LICENSE TYPE | GEAR TYPE AND NUMBER | DIVING GEAR VALUE | POTS FISHED | POWER BOAT | BOAT VALUE | NON-POWER BOAT | BOAT VALUE | POUNDS OF LOBSTER |
|---|---|---|---|---|---|---|---|---|
| **Taken Inside 69°W 41°N** | | | | | | | | |
| COASTAL | Diver | | | | | | | |
| | Potman | 4 | 410 | 4 | 28,500 | | | 14,316 |
| | Both | | | | | | | |
| SEASONAL | Potman | | | | | | | |
| OFFSHORE | Trawl | | | | | | | |
| | Potman | | | | | | | |
| TOTAL * | | 6 | 435 | 6 | 35,500 | | | 14,491 |
| **Taken Outside 69°W 41°N** | | | | | | | | |
| OFFSHORE | Trawl | | | | | | | |
| | Potman | | | | | | | 339,083 |
| COASTAL | Potman | | | | | | | 7,874 |
| TOTAL | | | | | | | | 347,457 |
| GRAND TOTAL* | | 7 | 435 | 7 | 43,500 | | | 361,948 |

*Totals do not match the sum of the columns due to masking of data to protect the confidentiality of individuals.

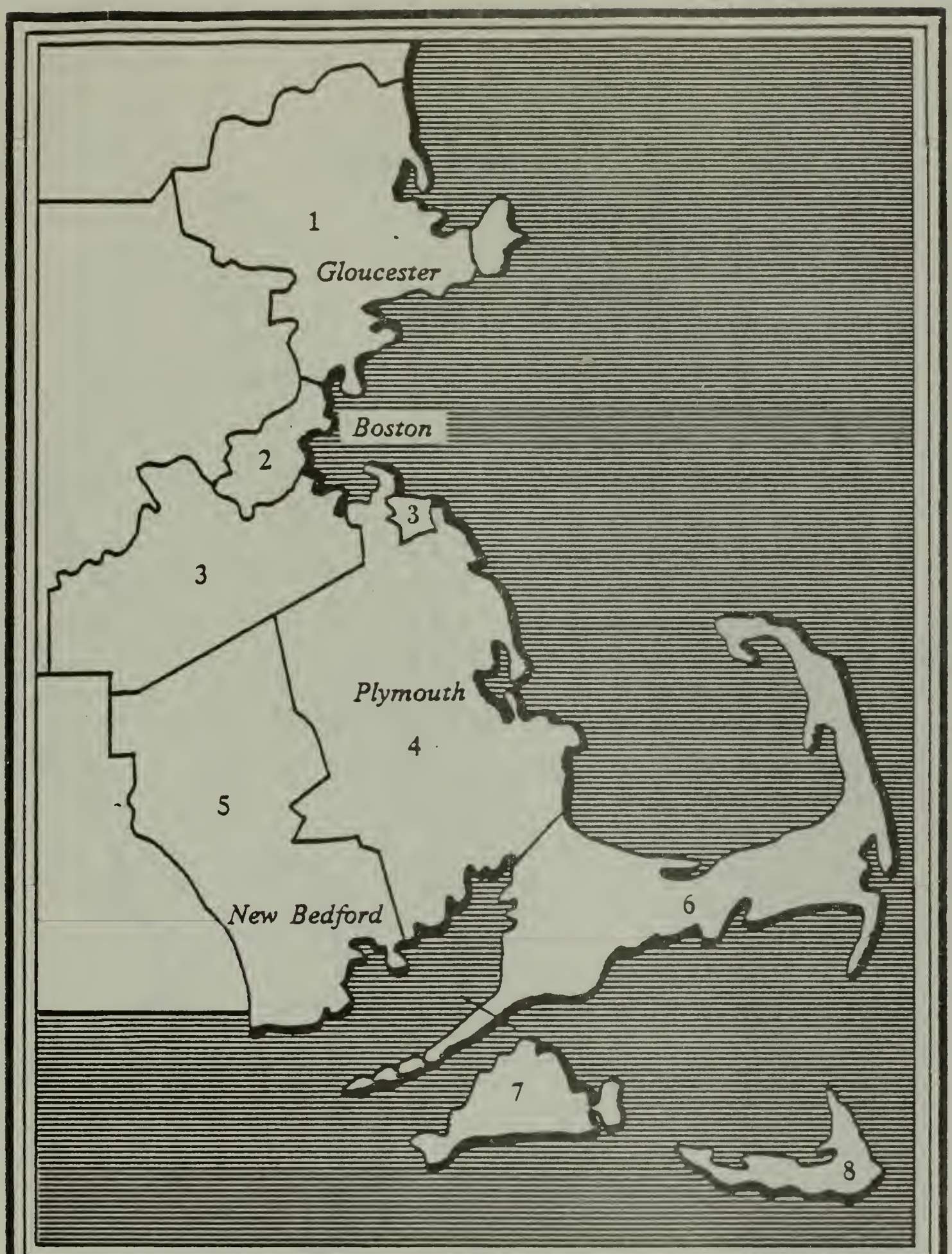
Table 12. Pounds of lobsters landed by commercial fishermen (except seasonal) by city or town of landing, 1983.

| City/Town | Inside 69°W 41°N | Outside 69°W 41°N | Total |
|---|---|---|---|
| Barnstable | 19,933 | 495,380 | 515,313 |
| Beverly | 582,260 | | 582,260 |
| Boston | 1,075,414 | 17,076 | 1,092,490 |
| Bourne | 67,199 | | 67,199 |
| Chatham | 160,700 | 210 | 160,910 |
| Chilmark | 108,159 | 16,421 | 124,580 |
| Cohasset | 463,625 | 24 | 463,649 |
| Danvers | 58,692 | | 58,692 |
| Dartmouth | 8,473 | | 8,473 |
| Dennis | 48,378 | | 48,378 |
| Duxbury | 46,210 | | 46,210 |
| Essex | 47,725 | | 47,725 |
| Fairhaven | 90,583 | 4,728 | 95,311 |
| Falmouth-Mashpee | 26,911 | 420 | 27,331 |
| Gloucester | 834,429 | 82,065 | 916,494 |
| Gosnold | 5,294 | | 5,294 |
| Harwich | 88,723 | 170,709 | 259,432 |
| Hingham | 251,803 | | 251,803 |
| Hull | 145,988 | | 145,988 |
| Ipswich | 56,507 | | 56,507 |
| Kingston | 25,248 | 933 | 26,181 |
| Lynn | 142,791 | | 142,791 |
| Manchester | 220,812 | | 220,812 |
| Marblehead | 590,853 | 5,353 | 596,206 |
| Marion | 2,522 | | 2,522 |
| Marshfield | 628,288 | | 628,288 |
| Mattapoisett | 37,200 | 2,005 | 39,205 |
| Nahant | 361,601 | | 361,601 |
| Nantucket | 45,204 | 760 | 45,964 |
| New Bedford | 106,972 | 57,431 | 164,403 |
| Newburyport-Newbury-Salisbury | 79,689 | | 79,689 |
| Oak Bluffs-Edgartown | 1,829 | | 1,829 |
| Orleans | 85,658 | | 85,658 |
| Plymouth | 728,900 | | 728,900 |
| Provincetown | 111,643 | 1,495 | 113,138 |
| Quincy-Braintree | 42,592 | | 42,592 |
| Revere | 21,329 | | 21,329 |
| Rockport | 409,542 | | 409,542 |
| Salem | 94,763 | | 94,763 |
| Sandwich | 274,357 | 120,906 | 395,263 |
| Saugus | 575,455 | | 575,455 |
| Scituate | 450,951 | 603 | 451,554 |
| Swampscott | 440,778 | | 440,778 |
| Tisbury | 14,919 | 380 | 15,299 |
| Wareham | 29,786 | | 29,786 |
| Wellfleet-Truro | 20,238 | | 20,238 |
| Westport | 284,558 | 455,644 | 740,202 |
| Weymouth | 126,574 | | 126,574 |
| Winthrop | 162,782 | | 162,782 |
| Out-of-State | 14,316 | 347,457 | 361,773 |

Table 13. Massachusetts commercial lobster landings inside 69°W and 41°N by month and area as reported by coastal commercial fishermen in 1983.

| Month | Percent | Area | Percent |
|---|---|---|---|
| January | 0.5 | 1 | 1.7 |
| February | 0.1 | 2 | 12.4 |
| March | 0.3 | 3 | 14.5 |
| April | 1.0 | 4 | 29.0 |
| May | 2.7 | 5 | 12.9 |
| June | 7.1 | 6 | 6.5 |
| July | 20.1 | 7 | 2.1 |
| August | 22.7 | 8 | 6.4 |
| September | 18.9 | 9 | 1.4 |
| October | 14.9 | 10 | 4.2 |
| November | 8.8 | 11 | 3.5 |
| December | 2.7 | 12 | 5.5 |
| | 99.8* | | 100.1* |

*Totals do not equal 100 percent due to rounding of numbers.

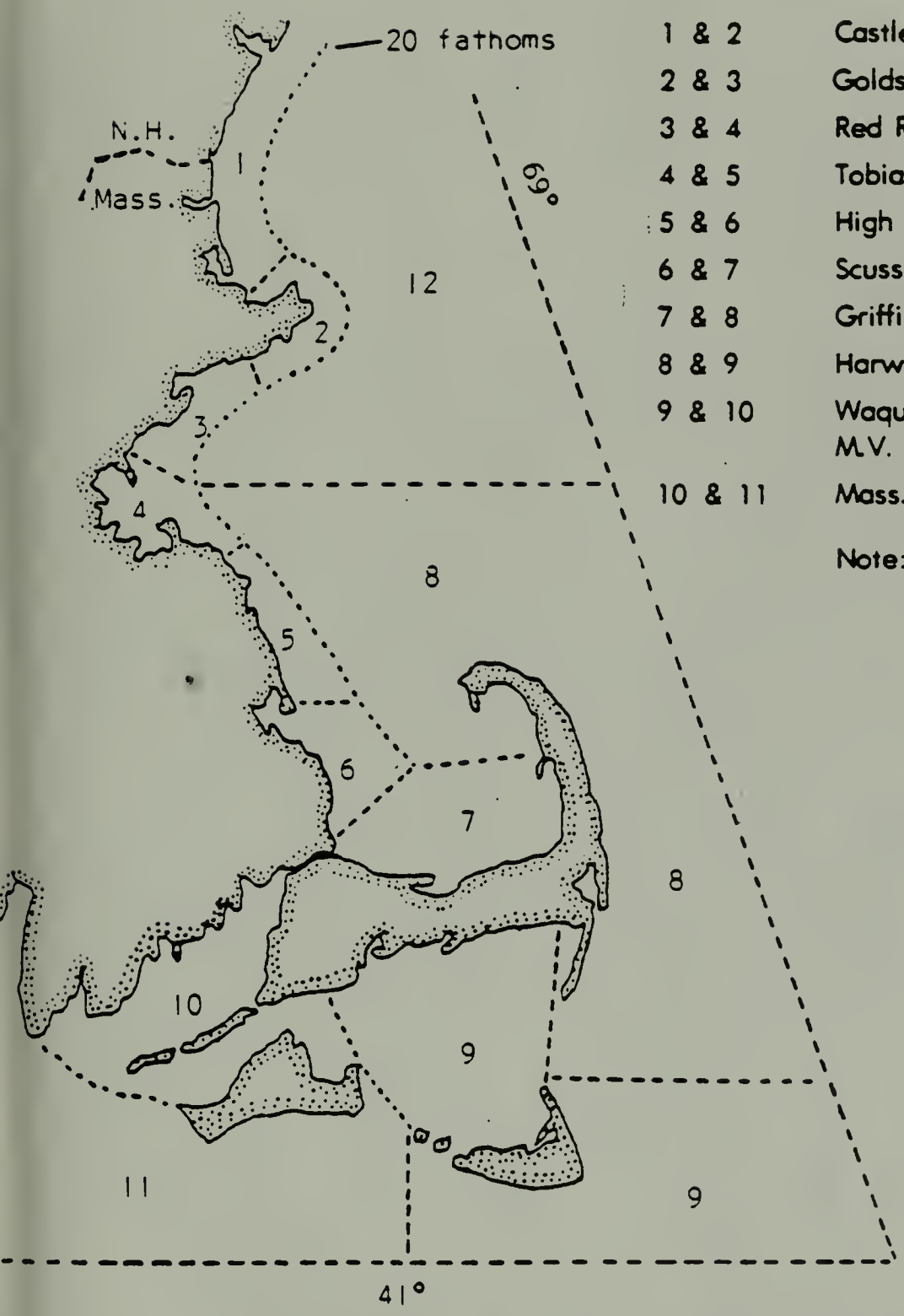



COASTAL MAP of MASSACHUSETTS
SHOWING STATISTICAL REPORTING AREAS (Counties)

| | | | |
|---|---|---|---|
| 1. Essex | 3. Norfolk | 5. Bristol | 7. Dukes |
| 2. Suffolk | 4. Plymouth | 6. Barnstable | 8. Nantucket |

Figure 1

## LOBSTERING AREAS




| Between Areas | BOUNDARIES |
|---|---|
| 1 & 2 | Castle Neck, Ipswich |
| 2 & 3 | Goldsmith Point, Manchester |
| 3 & 4 | Red Rock, Lynn |
| 4 & 5 | Tobias Ledge (Spindle), Scituate |
| 5 & 6 | High Pines Ledge, Plymouth |
| 6 & 7 | Scussett Beach, Sandwich |
| 7 & 8 | Griffin Island, Wellfleet |
| 8 & 9 | Harwich/Chatham Line |
| 9 & 10 | Waquoit Bay, Falmouth - Cape Poge, M.V. - Muskeget Island |
| 10 & 11 | Mass./R.I. Line - Gay Head |

Note: The seaward boundary of Areas 1 through 7 is the 20 Fathom line.

igure 2. Location and description of coastal lobster fishing areas in Massachusetts.